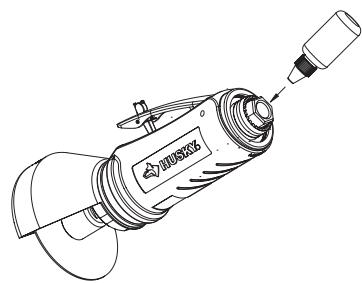


# Maintenance

Ensure the air line is shut-off and drained of air before removing this tool for service. This will prevent the tool from operating if the throttle is accidentally engaged.

## LUBRICATION

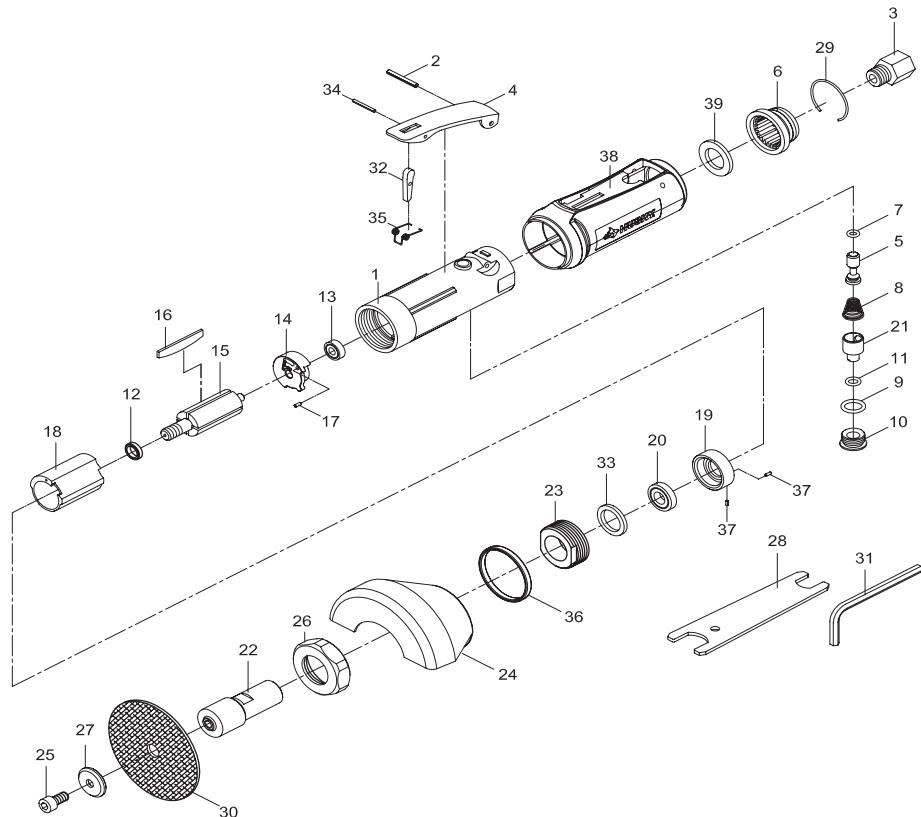
- An in-line filter-regulator-lubricator is recommended as it increases tool life and keeps the tool in sustained operation.
- Regularly check and fill the in-line lubricator with air tool oil. Avoid using excessive amounts of oil.
- Adjust the in-line lubricator by placing a sheet of paper next to the tool's exhaust ports and holding the throttle open approximately 30 seconds. The lubricator is properly set when a light stain of oil collects on the paper.
- If it is necessary to store the tool for an extended period of time (overnight, weekend, etc.), generously lubricate the tool through the air inlet. Run the tool for approximately 30 seconds to ensure the oil is evenly distributed throughout the tool. Store the tool in a clean and dry environment.
- Recommended lubricants: Air tool oil or any other high grade turbine oil containing moisture absorbent, rust inhibitors, metal wetting agents, and an EP (extreme pressure) additive.



## Troubleshooting

Problem	Possible Cause	Solution
The tool runs slowly or will not operate.	There is grit or gum in the tool.	Flush the tool with air tool oil or gum solvent.
	The tool is out of oil.	Lubricate the tool according to the lubrication instructions in this manual.
	The air pressure is low.	<ul style="list-style-type: none"><li><input type="checkbox"/> Adjust the regulator on the tool to the maximum setting.</li><li><input type="checkbox"/> Adjust the compressor regulator to the tool's maximum setting of 90 psi.</li></ul>
	The air hose leaks.	Tighten and seal the hose fittings with pipe thread tape if leaks are found.
	The air pressure drops.	<ul style="list-style-type: none"><li><input type="checkbox"/> Ensure the hose is the proper size. Long hoses or tools using large volumes of air may require a hose with an I.D. of 1/2" or larger depending on the total length of the hose.</li><li><input type="checkbox"/> Do not use a multiple number of hoses connected together with a quick connect fitting. This causes additional pressure drops and reduces the tool power. Directly connect the hoses together.</li></ul>
	There is a worn rotor blade in the motor.	Replace the rotor blade.
	There is a worn ball bearing in the motor.	Remove and inspect the bearing for rust, dirt, and grit. Replace or clean and grease the bearing with bearing grease.
	There is moisture blowing out of the tool's exhaust.	Drain the tank. (See the air compressor manual for instructions.) Lubricate the tool and run it until water is not evident. Lubricate the tool again and run for 1-2 seconds.

# Service Parts



Reference Number	Part Number	Description
1	9301101	Motor Housing
2	930102	Spring Pin
3	951203	Air Inlet
4	96K-301104	Throttle Lever
5	96K-301105	Valve Shaft
6	951206	Exhaust Diffuser
7	970107	O-Ring
8	951208	Valve Spring
9	970123	O-Ring
10	951210	Throttle Valve Plug
11	940305	O-Ring
12	951212	Rotor Bushing
13	9052213	Ball Bearing
14	9301114	Rear End Plate
15	9512215	Rotor
16	512216	Rotor Blades (4)
17	930117	Spring Pin
18	9512218	Cylinder
19	9512219	Front End Plate
20	9051220	Ball Bearing

Reference Number	Part Number	Description
21	951221	Air Regulator
22	952622	Spindle
23	9512223	Retainer
24	952624	Disc Cover
25	952625	Screw
26	952626	Clamp Nut
27	952627	Washer
28	951228	Double Ended Spanner
29	951229	Retainer Ring
30	122060	Cutting Wheel (Set of 6)
31	910018	Hex Key Wrench
32	9522239	Safety Bar
33	9512227	Washer
34	951542	Spring Pin
35	9522212	Spring
36	9526212	Decorative Ring
37	930117-22	Spring Pin (2)
38	9526252	Rubber Grip
39	951250	Muffler